

[FIG.1]

DATA

101 LAYERED CODING SECTION
FIRST LAYER CODE STRING
5 SECOND LAYER CODE STRING
102 CRC CODE ADDTION SECTION
103 CRC CODE ADDTION SECTION
104 MODULATION SECTION
105 TRANSMIT POWER CONTROL SECTION
10 106 RADIO SECTION
110 TARGET VALUE STORAGE SECTION
109 TRANSMIT POWER DETERMINING SECTION
108 RATIO CALCULAITON SECTION
TRANSMIT POWER DETERMINING APPARATUS
15

[FIG.2]

202 RADIO SECTION
203 DEMODULATION SECTION
204 SEPARATION SECTION
20 FIRST LAYER CODE STRING
SECOND LAYER CODE STRING
205 ERROR CHECK SECTION
206 ERROR CHECK SECTION
208 ACK/NACK REPLY SECTION
25 207 LAYERED DECODING SECTION
DECODED DATA

[FIG.3]

CELL

FIRST LAYER CODE STRING + SECOND LAYER CODE STRING

FIRST LAYER CODE STRING

CELL

5 FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

[FIG.4]

202 RADIO SECTION

10 203 DEMODULATION SECTION

204 SEPARATION SECTION

FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

205 ERROR CHECK SECTION

15 206 ERROR CHECK SECTION

208 ACK/NACK REPLY SECTION

207 LAYERED DECODING SECTION

DECODED DATA

210 TPC SIGNAL GENERATION SECTION

20 209 CIR MEASURING SECTION

[FIG.5]

DATA

101 LAYERED CODING SECTION

25 FIRST LAYER CODE STRING

SECOND LAYER CODE STRING

102 CRC CODE ADDITION SECTION

103 CRC CODE ADDITION SECTION

104 MODULATION SECTION
105 TRANSMIT POWER CONTROL SECTION
106 RADIO SECTION
110 TARGET VALUE STORAGE SECTION
5 109 TRANSMIT POWER DETERMINING SECTION
108 RATIO CALCULAITON SECTION
111 TPC SIGNAL DECISION SECTION
TRANSMIT POWER DETERMINING APPARATUS

10 [FIG. 6]
RATIO OF HIGH QUALITY MOBILE STATIONS
TPC SIGNAL DECISION RESULT
LESS THAN TARGET VALUE
EQUAL TO OR HIGHER THAN TARGET VALUE
15 INCREASED INCREASED INCREASED
DECREASED INCREASED DECREASED

[FIG. 7]
202 RADIO SECTION
20 203 DEMODULATION SECTION
204 SEPARATION SECTION
FIRST LAYER CODE STRING
SECOND LAYER CODE STRING
205 ERROR CHECK SECTION
25 206 ERROR CHECK SECTION
211 BLER MEASURING SECTION
207 LAYERED DECODING SECTION
DECODED DATA

[FIG.8]

202 RADIO SECTION
203 DEMODULATION SECTION
5 204 SEPARATION SECTION
FIRST LAYER CODE STRING
SECOND LAYER CODE STRING
205 ERROR CHECK SECTION
206 ERROR CHECK SECTION
10 208 ACK/NACK REPLY SECTION
207 LAYERED DECODING SECTION
DECODED DATA
212 CIR SINGAL GENERATION SECTION
209 CIR MEASURING SECTION

15

[FIG.9]

DATA
101 LAYERED CODING SECTION
FIRST LAYER CODE STRING
20 202 SECOND LAYER CODE STRING
102 CRC CODE ADDTION SECTION
103 CRC CODE ADDTION SECTION
104 MODULATION SECTION
105 TRANSMIT POWER CONTROL SECTION
25 106 RADIO SECTION
110 TARGET VALUE STORAGE SECTION
109 TRANSMIT POWER DETERMINING SECTION
108 RATIO CALCULAITON SECTION

112 RANKING SECTION
TRANSMIT POWER DETERMINING APPARATUS

[FIG.10]

5 RANKING
MOBILE STATION
ACK/NACK SIGNAL OF SECOND LAYER CODE STRING